CLAIMS

1. A polarizer comprising a film having a structure having a minute domain dispersed in a matrix formed of a translucent water-soluble resin including an iodine light absorbing material and a divalent metal.

2. The polarizer according to Claim 1, wherein the divalent metal contains zinc and/or nickel.

3. The polarizer according to Claim 1 or 2, wherein the minute domain is formed of an oriented birefringent material.

4. The polarizer according to Claim 3, wherein the birefringent material shows liquid crystalline at least in orientation processing step.

5. The polarizer according to Claim 3 or 4, wherein the minute domain has 0.02 or more of birefringence.

6. The polarizer according to any one of Claims 3 to 5, wherein in a refractive index difference between the birefringent material forming the minute domain and the translucent water-soluble resin in each optical axis direction,

a refractive index difference (Δn^1) in direction of axis showing a maximum is 0.03 or more, and

a refractive index difference (Δn^2) between the Δn^1 direction and a direction of axes of two directions perpendicular to the Δn^1 direction is 50% or less of the Δn^1.

7. The polarizer according to any one of Claims 1 to 6, wherein an absorption axis of the iodine light absorbing material is oriented in the Δn^1 direction.

8. The polarizer according to any one of Claims 1 to 7, wherein the film is manufactured by stretching.

9. The polarizer according to any one of Claims 1 to 8, wherein the minute domain has a length of 0.05 to 500 μm in the

Δn^2 direction.

10. The polarizer according to any one of Claims 1 to 9, wherein an iodine light absorbing material has an absorbing band at least in a band of 400 to 700 nm wavelength range.

11. The polarizer according to any one of Claims 1 to 10, wherein a transmittance to a linearly polarized light in a transmission direction is 80% or more,

a haze value is 5% or less, and

a haze value to a linearly polarized light in an absorption direction is 30% or more.

12. A polarizing plate having a transparent protective layer formed at least on one side of the polarizer according to any one of Claims 1 to 11.

13. An optical film having at least one of the polarizer according to any one of Claims 1 to 11 or the polarizing plate according to Claim 12.

14. An image display comprising at least one selected from the group consisting of the polarizer according to any one of Claims 1 to 11, the polarizing plate according to Claim 12, and the optical film according to Claim 13.